

Career Girls: Engineering Careers

Explore Engineering as a Career!

Name: _____

In the “Engineering” video we met seven different engineer role models. Each role model shared reasons why you should consider a career in engineering.

Read each item below. Think carefully about each one. Use the lines to share your ideas.

1) The first engineer role model said that while many people think a career in engineering is “boring,” it actually gives you the technology and skills to do anything.

- How can you know for sure if a career in engineering is actually boring or exciting?

2) The engineer from General Motors automobile company said that by watching the “crash dummies” she realized her job was important.

- How might an engineer from a car company work to keep people safe?

3) In the video, one role model said that engineering “helps turn scientific principles, ideas and dreams into reality.”

- In your own words, what do you think she meant by that statement?

4) Software engineers work to develop computer programs.

- If you became a software engineer, what kind of computer software would you like to develop and why?

5) The NASA Jet Propulsion Engineer made her job sound like a puzzle involving many pieces that must work together.

- Tell about a project you worked on that had many different pieces that had to work together.

6) Sometimes a career in engineering can be combined with an interest in other areas.

- What interests do you have that might be successfully combined with a career in engineering?

7) Careers in engineering can help protect people and the environment.

- Would you enjoy a career that keeps people safe or that helps protect our earthly home? Why or why not?
